



Microchip Technology



**ATSAM4S16CA-CFNR**

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4S16CA-CFNR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 1MB FLASH 100VFBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16085 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

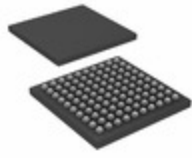
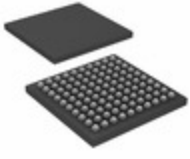
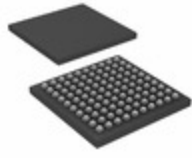
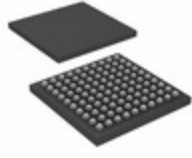
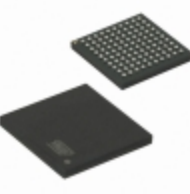
Specifications of ATSAM4S16CA-CFNR

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4S16CA-CFNR                                                          |
| MANUFACTURER                     | Microchip Technology                                                      |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100VFBGA                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                |
| QUANTITY AVAILABLE               | 16085 pcs                                                                 |
| DATA SHEET                       |                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                     |
| SERIES                           | SAM4S                                                                     |
| REVERSE RECOVERY TIME (TRR)      | 120MHz                                                                    |
| REQUIRES                         | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                |
| PROGRAM MEMORY TYPE              | 1MB (1M x 8)                                                              |
| PROGRAM MEMORY SIZE              | EBI/EMI, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB                |
| OTHER NAMES                      | 1611-ATSAM4S16CA-CFNRDKR                                                  |
| OSCILLATOR TYPE                  | A/D 16x12b, D/A 2x12b                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                        |
| OPERATING SYSTEM                 | ARM® Cortex®-M4                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                             |
| MANUFACTURER PART NUMBER         | ATSAM4S16CA-CFNR                                                          |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100VFBGA                                           |
| DATA SRAM BYTES                  | -                                                                         |
| DATA CONVERTERS                  | 1.62 V ~ 3.6 V                                                            |
| CORE SIZE                        | 128K x 8                                                                  |
| CONTROLLER SERIES                | Internal                                                                  |
| CONNECTIVITY                     | 32-Bit                                                                    |
| CLOCK RATE                       | 79                                                                        |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4S16CA-CFNR | ATSAM4S16CA-CFNR Distributor           | ATSAM4S16CA-CFNR Supplier                               |
| ATSAM4S16CA-CFNR Price                         | ATSAM4S16CA-CFNR Pictures              | ATSAM4S16CA-CFNR Image                                  |
| ATSAM4S16CA-CFNR PDF Datasheet                 | ATSAM4S16CA-CFNR Download Datasheet    | ATSAM4S16CA-CFNR Datasheet                              |
| ATSAM4S16CA-CFNR Stock                         | Buy ATSAM4S16CA-CFNR                   | Buy Micrel / Microchip Technology ATSAM4S16CA-CFNR      |
| Micrel / Microchip Technology ATSAM4S16CA-CFNR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAM4S16CA-CFNR | Microchip Technology ATSAM4S16CA-CFNR  | Roving Networks / Microchip Technology ATSAM4S16CA-CFNR |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div> <b>ATSAM4S16CA-CFU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 33537 pcs </div> <div>RFQ</div>  |  <div> <b>ATSAM4S16CA-CUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br/> In stock: 14924 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATSAM4S16CA-ANR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 19296 pcs </div> <div>RFQ</div>            |  <div> <b>ATSAM4S16CA-CFNR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 18024 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAM4S16CA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 17115 pcs </div> <div>RFQ</div>   |  <div> <b>ATSAM4S16CA-ANR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 18582 pcs </div> <div>RFQ</div>   |
|  <div> <b>ATSAM4S16CA-CFN</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 30770 pcs </div> <div>RFQ</div>  |  <div> <b>ATSAM4S16CA-CFUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 17726 pcs </div> <div>RFQ</div>          |
|  <div> <b>ATSAM4S16CA-CFUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100VFBGA<br/> In stock: 20434 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4S16CA-CU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br/> In stock: 15604 pcs </div> <div>RFQ</div>   |
|  <div> <b>ATSAM4S16CA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 14822 pcs </div> <div>RFQ</div>    |  <div> <b>ATSAM4S16CA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/> In stock: 18173 pcs </div> <div>RFQ</div>            |